V10 Compact 2.0
Now even better: Compact surge protection

The new V10 Compact 2.0 replaces the established V10 Compact

- High-performance varistor technology
- Compact structure – only 45 mm wide
- Enlarged screw openings
- LED for visual function display
- – externally certified according to DIN EN 61643-11

Compact surge protective device of type 2+3.
Arresting capacity \( I_n = 10 \text{ kA} \), \( I_{\text{max}} = 20 \text{ kA} \), \( I_n \text{ N-PE} = 40 \text{ kA} \).
Now, also suitable for the main distribution in systems without an external lightning protection system and fed in via an earthing cable.

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Surge arrester
V10 Compact 2.0

Surge protective device
Compact module, type 2+3
- Surge protection in main and sub-distributors according to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity up to 60 kA (8/20) total
- Integrated 3+1 solution for TN and TT network systems on 45 mm module width
- High-performance varistor technology
- Incl. thermal and dynamic cut-off device and visual function display

Application: Main and sub-distributor, as well as device protection in three-phase systems.

<table>
<thead>
<tr>
<th>Type</th>
<th>Highest continuous voltage V</th>
<th>Version</th>
<th>Pk units</th>
<th>Weight kg/100 units</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V10 Compact 2.0</td>
<td>255</td>
<td>3+NPE</td>
<td>1</td>
<td>15,800</td>
<td>5093381</td>
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</table>

**V10 Compact 2.0**
- Rated voltage AC (50/60 Hz) $U_r$ 230 V
- Maximum continuous voltage $U_C$ 255 V
- SPD to EN 61643-11 Type 2+3
- SPD to IEC 61643-11 Class II+III
- LPZ 1–3
- Nominal discharge current (8/20) $I_n$ 10 kA
- Arrester surge current (8/20) $I_{total}$ 60 kA
- Maximum discharge current (8/20 μs) $I_{max}$ 20 kA
- Protection level [L-N] $U_p$ 1.1 kV
- Protection level [N-PE] $U_p/N-PE$ 1.5 kV
- Response time $t_A$ < 25 ns
- Maximum back-up fuse 63 A
- Temperature range $\delta$ –40 to +80 °C
- Division unit (17.5 mm) 2.5
- Protection rating IP20
- Connection cross-section rigid 2.5–10 mm²
- Connection cross-section, multi-wire 2.5–10 mm²
- Connection cross-section, flexible 2.5–10 mm²